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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/579,491	05/16/2006	Philippe Ouziel	TD/4-22984/A/PCT	3427
62068 7590 03/28/2011 HUNTSMAN INTERNATIONAL LLC LEGAL DEPARTMENT 10003 WOODLOCH FOREST DRIVE THE WOODLANDS, TX 77380			EXAMINER AHVAZI, BIJAN	
			ART UNIT 1761	PAPER NUMBER
			NOTIFICATION DATE 03/28/2011	DELIVERY MODE ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/579,491	OUZIEL ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	BIJAN AHVAZI	1761	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 21 December 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☒ Claim(s) 1-12 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on December 21, 2010 has been entered.

2. Claims 1-12 are pending.

3. Applicant's arguments, see Remarks, filed 12/21/2010, with respect to claims 1-12 have been fully considered and are persuasive. The rejection of claims 1-12 has been withdrawn.

### *Claim Objections*

4. Claims 1-12 are objected to because of the following informalities: It is **suggested** that colon ":" (all occurrences) be deleted and the semicolon ";" be inserted after each paragraph in claim 1, in its stead so as to engender claim language clarity. Claims 2-12 being depended on claim 1 are objected as well. Appropriate correction is required.

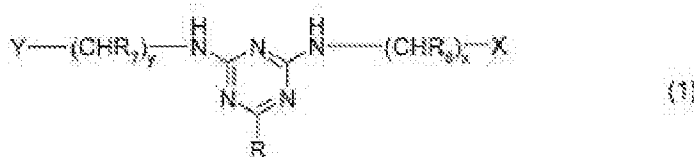
### *Allowable Subject Matter*

5. Claims 1-12 are allowable.

6. The following is an examiner's statement of reasons for allowance: The most pertinent prior art known by the Examiner is listed in the attached form PTO-1449. Gerendas *et al.* (Pat. No. US 3,963,714) is closest prior art, which teach a compound of the formula I (i.e. quaternary ammonium groups of triazine derivative salts), is used as retarders in dyeing anionic polyacrylonitrile fibers with basic dyes. However, Gerendas *et al.* taken alone or in combination **do not** teach or fairly suggest the claimed method of increasing the depth of shade of dyed

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natural or synthetic polyamide fibre materials, which comprises treating the fibre material before, during or after dyeing with a liquor comprising a compound of formula (1)



wherein R is halogen, C<sub>1</sub>-C<sub>12</sub> alkyl, C<sub>5</sub>-C<sub>24</sub> aryl, C<sub>6</sub>-C<sub>36</sub> aralkyl, -OR<sub>1</sub> or -NR<sub>1</sub>R<sub>2</sub>, R<sub>1</sub> and R<sub>2</sub> being, each independently of the other, hydrogen, C<sub>1</sub>-C<sub>12</sub> alkyl unsubstituted or substituted by one or more hydroxy, amino, mercapto, carboxyl, sulfo, C<sub>1</sub>-C<sub>12</sub> alkylsulfonyl, C<sub>5</sub>-C<sub>24</sub> arylsulfonyl or C<sub>6</sub>-C<sub>36</sub> aralkylsulfonyl groups, C<sub>5</sub>-C<sub>24</sub> aryl unsubstituted or substituted by one or more hydroxy, amino, carboxyl, sulfo, C<sub>1</sub>-C<sub>12</sub> alkylsulfonyl, C<sub>5</sub>-C<sub>24</sub> arylsulfonyl or C<sub>6</sub>-C<sub>36</sub> aralkylsulfonyl groups, or C<sub>6</sub>-C<sub>36</sub> aralkyl unsubstituted or substituted by one or more hydroxy, amino, carboxyl, sulfo, C<sub>1</sub>-C<sub>12</sub> alkylsulfonyl, C<sub>5</sub>-C<sub>24</sub> arylsulfonyl or C<sub>6</sub>-C<sub>36</sub> aralkylsulfonyl groups; X and Y are, each independently of the other, mercapto, or -NR<sub>3</sub>R<sub>4</sub>, wherein R<sub>3</sub> and R<sub>4</sub> are, each independently of the other, hydrogen or C<sub>1</sub>-C<sub>12</sub> alkyl; R<sub>6</sub> and R<sub>7</sub> are, each independently of the other, hydrogen or C<sub>1</sub>-C<sub>12</sub> alkyl; and x and y are, each independently of the other, a number from 2 to 12. Accordingly, the presently claimed invention as defined by claims 1-12 is patentable with respect to prior art of record.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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***Examiner Information***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bijan Ahvazi, Ph.D. whose telephone number is (571)270-3449. The examiner can normally be reached on M-F 8:0-5:0. (Off every other Friday).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harold Y. Pyon can be reached on 571-272-1498. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BA/  
Examiner Art Unit 1761

/Bijan Ahvazi/  
Examiner, Art Unit 1761

03/15/2011